



Agent's Docket No. 12591-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)

Siegfried JANZ et al)

Serial No: ¹⁰29/054,911)

Art Unit: 2874

Filed: 25-January-2002)

Examiner:

For: **METHOD FOR POLARIZATION BIREFRINGENCE COMPENSATION IN A WAVEGUIDE DEMULTIPLEXER USING A COMPENSATOR WITH A HIGH REFRACTIVE INDEX CAPPING LAYER**

April 5, 2002

Commissioner of Patent and Trademarks

Washington, D.C. 20231

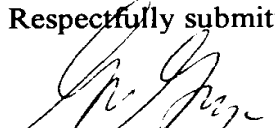
TRANSMITTAL LETTER

Sir:

Please find enclosed for filing:

- Response to Notice of Omitted Items dated February 11, 2002
- Marked up Version to Show Changes Made

Respectfully submitted,


George M. MacGregor
Registration No. 37,547
Agent of Record

MARKS & CLERK

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RESPONSE TO NOTICE OF OMITTED ITEM(S) DATED FEBRUARY 11, 2002

Sir:

In response to the Notice of Omitted Items dated February 11, 2002, applicants respectfully request that the application be amended as follows by way of Preliminary Amendment:

In the Specification:

Please cancel the paragraph on page 5, at line 14 and 15.

Please replace the paragraph on page 11, beginning at line 9 with the following rewritten paragraph:

- - In a further embodiment, a lower refractive index overlying layer of SiO_2 ($N \cong 1.46$) is deposited on top of the silicon nitride layer 15 ($N \cong 1.9$). The strength of the compensator is adjusted by varying the thickness of this overlying SiO_2 layer. The change in $\Delta\lambda$ with oxide thickness is now approximately three times smaller than for an identical change in the thickness of the nitride layer 15. - -